

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-24  
Relating to Approval of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-1;

IT IS ORDERED AND RESOLVED: That General Motors Corporation 1975 model-year gasoline-powered engines in heavy-duty motor vehicles are approved for the engine families described below:

<u>Family</u>	<u>Engine Size CID</u>	<u>Engine Model</u>	<u>Exhaust Emission Control System</u>
GM 113	350	LS9	Air Injection Reactor
GM 113	400	LF4	Air Injection Reactor
GM 115	454	LF8	Air Injection Reactor and Exhaust Gas Recirculation

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

The following are the recommended values to be listed on the decal:

<u>Engine Family</u>	<u>Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour</u>	<u>Carbon Monoxide grams/brake horsepower-hour</u>
GM 113	7	18
GM 115	6	22

A supplemental information sheet is attached to this order which includes tune-up specifications and emission control system data.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 21 day of August, 1974.

*G. C. Hass*  
G. C. Hass, Chief  
Division of Vehicle  
Emissions Control

**AIR RESOURCES BOARD  
SUPPLEMENTARY INFORMATION  
1975 MODEL YEAR - HEAVY DUTY GASOLINE ENGINES**

**MANUFACTURER: General Motors Corporation**

**EXECUTIVE ORDER NO. A-6-24**

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Engine				Distributor		Fuel System		Emission Control System		Tune-Up Specifications		
Family	Model	CID	Type	Mfg. and Part No.	Type	Mfg. and Part No.	Type	EGR Part No. and Service *	Idle RPM	Basic Timing	Idle Mixture	
3M 113	LS9	350	C/V	Delco 1112884	4 bbl	Rochester	AI		700 in neutral	2° BTDC @ 700 RPM in Neutral	Lean drop method 800-700 RPM 800-700 RPM 770-700 RPM 770-700 RPM	
						7045583						
						7045585						
						7045586						
	LS9	350	C/V				7045584					
LF4	400	C/V				7045589						
LF4	400	C/V				7045588						
3M 115	LF8	454	C/V	Delco 1112869	4 bbl	7045512 7045517	AI/EGR	17050064 1 - 12,000 miles	800 in neutral	8° BTDC @ 600 RPM in Neutral	Lean drop method 725-600 RPM	

**Abbreviations:**

Distributor

C - Centrifugal Advance  
V - Vacuum Advance  
VR - Vacuum Retard

Exhaust Emission Control System

AI - Air Injection  
EFI - Electronic Fuel Injection  
EGR - Exhaust Gas Recirculation  
EM - Engine Modifications

FI - Fuel Injection  
OC - Oxidation Catalyst  
RC - Reduction Catalyst  
TR - Thermal Reactor

\* Service

I - Inspection, replace  
as needed.  
R - Replace